

IN THE CLAIMS

1. (Currently Amended) A computer readable storage medium having a print-control program to acquire print data, that creates intermediate files of the print data, reads the files into a memory, converts the files, and ~~thereby creates~~ actual-data-for-printing, said print control program comprising:

a print data acquisition step to acquire print data of a page;

an intermediate file creation step to divide the acquired print data of a page into parts wherein a ~~while keeping the~~ file size of each said parts is within predetermined ~~certain~~ bounds and ~~thereby to~~ create a plurality of intermediate files; and

an actual-data-for-printing creation step to read the ~~created plurality of~~ intermediate files into ~~the~~ memory for ~~pre-determined predetermined~~ conversions, and ~~thereby create~~ create actual-data-for-printing from the plurality of intermediate files.

2. (Currently Amended) A medium having a print-control program according to Claim 1, further comprising a ~~bounds-to-file-size~~ step for setting step to set the predetermined bounds to a file size based on a user-preference setting, wherein at said intermediate file creation step, the acquired print data of a page are divided so as to create said plurality of files ~~have the file size within certain within~~ said predetermined bounds set by said user-preference setting~~bounds-to-file-size-setting~~ step.

3. (Currently Amended) A medium having a print-control program according to Claim 1, wherein at said intermediate file creation step, setting said predetermined bounds to a file size ~~for determining the file size of the divided print data, depends depending~~ on free space in the memory.

4. (Currently Amended) A medium having a print-control program according to Claim 1, wherein ~~at said actual-data-for-printing creation step,~~ reads only one of the plurality of intermediate files ~~is read into~~ the memory at a time.

5. (Currently Amended) A medium having a print-control program according to Claim 1, wherein said actual-data-for-printing creation step further comprises:

creating a record list that makes the plurality of intermediate files correspond to a plurality of target zones into which a page print area is partitioned;

referring to the record list for each said target zone;
and

reading the intermediate files corresponding to ~~the~~ each said target zone into the memory; and ~~thereby~~

creating said actual-data-for-printing for each said target zone.

6. (Currently Amended) A medium having a print-control program according to Claim 5, wherein said actual-data-for-printing creation step further comprises:

registering an address having ~~an instruction~~ a unit to draw included in an intermediate file, into said record list in such a manner as to make the address connected with one or a plurality of said target zones for all ~~instruction~~ units to draw filed in the intermediate files created;

referencing an address or addresses connected with each said target zone from the record list; and

reading the ~~instruction~~ unit or units to draw stored at the referenced address or addresses into the memory.

7. (Currently Amended) A medium having a print-control program according to Claim 5, wherein in creating a plurality of intermediate files of divisional bitmap data at said intermediate file creation step, the acquired print data that consists of bitmap data are divided into a plurality of parts of the bitmap data corresponding to said target zones.

8. (Currently Amended) An apparatus for print control which acquires print data, creates intermediate files of print data, reads the files into a memory, ~~and converts the file,~~ and ~~thereby~~ creates actual-data-for-printing, said apparatus comprising:

a print data acquisition unit to acquire print data of a page;

an intermediate file creation unit to divide the acquired print data of a page into parts ~~while keeping the wherein a~~

file size of each said parts within ~~certain predetermined~~ bounds and ~~thereby to~~ create a plurality of intermediate files; and

an actual-data-for-printing creation unit to read the plurality of ~~created~~ intermediate files into the memory for ~~pre-determined predetermined~~ conversions, and ~~thereby that~~ creates actual-data-for-printing from said plurality of intermediate files.

9. (Currently Amended) A method for print control which acquires print data, creates intermediate files of the print data, reads the files into a memory, converts the files, and ~~thereby creates~~ actual-data-for-printing, said method comprising:

a print data acquisition step to acquire print data of a page;

an intermediate file creation step to divide the acquired print data of a page into parts ~~while keeping the wherein a~~ file size of each said parts within ~~certain predetermined~~ bounds and ~~thereby to~~ create a plurality of intermediate files; and

an actual-data-for-printing creation step to read the
~~created plurality of~~ intermediate files into the memory for
~~pre-determined predetermined~~ conversions , ~~and thereby create~~
that creates actual-data-for-printing from said plurality of
intermediate files.